

Hardware Specifications

- ◆ 1 GHz or faster processor
- ◆ 1 GB RAM or greater memory
- ◆ 9.5 inch (10 inch class) or larger screen size
- ◆ 1024 x 768 resolution or better without panning
- ◆ Input device requirements



Operating Systems

- ◆ Windows 7 or newer
- ◆ Apple iOS 6 or newer
- ◆ Mac OS X 10.7 or newer
- ◆ Android 4.0 or newer
- ◆ Linux (Ubuntu 11.10), Fedora 16 or newer
- ◆ Chrome OS 19 or newer

Devices (if they can support specifications and security controls)

- ◆ Desktops
- ◆ Laptops
- ◆ Tablets
- ◆ Netbooks
- ◆ Thin Clients



Security Control Considerations

- ◆ Restricted Internet access
- ◆ Availability of Secure Browser
- ◆ Cameras – still and video
- ◆ Screen Capture – live and recorded
- ◆ IM/email
- ◆ Bluetooth connections
- ◆ Application Switching
- ◆ Printing

Additional Information

- ◆ Bandwidth Requirements – Recommended 100 Kbps/student or faster
- ◆ Research studies on use of virtual vs. external keyboards – Coming Spring 2013
- ◆ Accessibility and Accommodation Guidelines – Coming June 2013
- ◆ Testing Platform Software - Coming Summer 2013
- ◆ Input Device Requirements - Coming Fall 2013
- ◆ Software and/or browser requirements – October 2013



Technology Decisions Timeline

Provided by PARCC for all states – NYSED to provide NYS Guidance

	SPRING 2012 Version 1.0	FALL 2012 Version 2.0	FALL 2013 Version 3.0
Hardware	Establish minimum guidelines for new hardware.	Define the oldest systems that will be supported for 2014-2015 assessments based on data from the Technology Readiness Tool.	Provide final guidelines for 2014-2015 assessments.
Security	Considerations for device security requirements.	Updates to security considerations as necessary.	Final security requirements for 2014-2015 assessments.
Bandwidth	Does not define specifications for bandwidth.	Define minimum bandwidth guidelines based on data from the Technology Readiness Tool and the item/delivery platform design phases.	Final bandwidth specifications for 2014-2015 assessments.
Software	Does not define specifications for testing software.	Will not define specifications for testing software.	Final guidelines for 2014- 2015 assessments based on test item and delivery platform designs.